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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

icant: Madison et al.

Art Unit 1652

Serial No.: 09/776,191

Examiner:

Yong D. Pak

Filed

: February 2, 2001

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Title

: NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE

PROTEASES, THE ENCODED PROTEINS AND METHODS BASED

THEREON

Mail Stop ISSUE FEE

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 C.F.R. §1.312 AND COMMENTS ON **EXAMINER'S REASONS FOR ALLOWANCE**

Dear Sir:

Entry of the following amendment and consideration of the following remarks respectfully are requested. This amendment is filed concurrently with the payment of the issue fee.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop Issue Fee, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.